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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	, CONFIRMATION NO.
10/719,206	11/21/2003	Tsunenori Asatsuma	09794353-0031	1970
26263 75	590 03/09/2005		EXAMINER	
	HEIN NATH & ROS	HU, SHOUXIANG		
P.O. BOX 061080 WACKER DRIVE STATION, SEARS TOWER			ART UNIT	PAPER NUMBER
CHICAGO, IL 60606-1080		2811		

DATE MAILED: 03/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary  The MAILING DATE of this communication apperiod for Reply  A SHORTENED STATUTORY PERIOD FOR REP THE MAILING DATE OF THIS COMMUNICATION	LY IS SET TO EXPIRE <u>1</u> MC	,
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THE MAILING DATE OF THIS COMMUNICATION		ONTH(S) FROM
<ul> <li>Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication.</li> <li>If the period for reply specified above is less than thirty (30) days, a relif NO period for reply is specified above, the maximum statutory perional Failure to reply within the set or extended period for reply will, by statuary reply received by the Office later than three months after the mail earned patent term adjustment. See 37 CFR 1.704(b).</li> </ul>	d will apply and will expire SIX (6) MONT ite, cause the application to become ABA	ply be timely filed  (30) days will be considered timely.  THS from the mailing date of this communication.  ANDONED (35 U.S.C. § 133).
Status		
1) Responsive to communication(s) filed on		
2a) This action is <b>FINAL</b> . 2b) Th	is action is non-final.	
3) Since this application is in condition for allow closed in accordance with the practice under	· ·	• •
Disposition of Claims		
4) ⊠ Claim(s) <u>1-82</u> is/are pending in the application 4a) Of the above claim(s) is/are withdrest solution 5) □ Claim(s) is/are allowed.  6) □ Claim(s) is/are rejected.  7) □ Claim(s) is/are objected to.  8) ⊠ Claim(s) <u>1-82</u> are subject to restriction and/or	awn from consideration.	
Application Papers		
9) The specification is objected to by the Examir 10) The drawing(s) filed on is/are: a) acceptable and applicant may not request that any objection to the Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Examir 11.	ccepted or b) objected to be e drawing(s) be held in abeyand ction is required if the drawing(s	ce. See 37 CFR 1.85(a). s) is objected to. See 37 CFR 1.121(d).
Priority under 35 U.S.C. § 119		
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of:  1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority document application from the International Bure.  * See the attached detailed Office action for a list	nts have been received. Ints have been received in Apporting the ority documents have been read (PCT Rule 17.2(a)).	oplication No received in this National Stage
Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date	Paper No(s)	ummary (PTO-413) /Mail Date formal Patent Application (PTO-152)

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### **DETAILED ACTION**

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#### Election/Restriction between Product and Method

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
- I. Claims 49-50, 52, 53, 55, 56, 58, 59, 61, 62, 65, 66, 69, 70, 73, 74, 77, 78, 81 and 82, drawn to a product, classified in class 257, subclass 79+.
- II. Claims 1-48, 51, 54, 57, 60, 63, 64, 67, 68, 71, 72, 75, 76, 79 and 80, drawn to a method, classified in class 438, subclass 22+.

At least claims 1 and 65 link(s) inventions II and I. The restriction requirement between the linked inventions is subject to the nonallowance of the linking claim(s), claims 1 and 65. Upon the allowance of the linking claim(s), the restriction requirement as to the linked inventions shall be withdrawn and any claim(s) depending from or otherwise including all the limitations of the allowable linking claim(s) will be entitled to examination in the instant application. Applicant(s) are advised that if any such claim(s) depending from or including all the limitations of the allowable linking claim(s) is/are presented in a continuation or divisional application, the claims of the continuation or divisional application may be subject to provisional statutory and/or nonstatutory double patenting rejections over the claims of the instant application. Where a restriction requirement is withdrawn, the provisions of 35 U.S.C. 121 are no longer applicable. *In re Ziegler*, 44 F.2d 1211, 1215, 170 USPQ 129, 131-32 (CCPA 1971). See also MPEP § 804.01.

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## Election/Restriction among Distinct Species

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2. In addition, claims in either of above Group I and Group II inventions directed respectively to a semiconductor device and a method to make the same is further restricted as follows:

This application contains device claims (49-50, 52, 53, 55, 56, 58, 59, 61, 62, 65, 66, 69, 70, 73, 74, 77, 78, 81 and 82), and method claims (-48, 51, 54, 57, 60, 63, 64, 67, 68, 71, 72, 75, 76, 79 and 80), each directed to the following patentably distinct species of the claimed invention:

Species 1: embodiment of Fig. 4

Species 2: embodiment of Fig. 5

Species 3: embodiment of Fig. 8

Species 4: embodiment of Fig. 12

Species 5: embodiment of Fig. 13

Species 6: embodiment of Fig. 14

Species 7: embodiment of Fig. 15

Species 8: embodiment of Fig. 16

Species 9: embodiment of Fig. 17

Species 10: embodiment of Fig. 18

Species 11: embodiment of Fig. 20

Species 12: embodiment of Fig. 22

Species 13: embodiment of Fig. 24

Species 14: embodiment of Fig. 25

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Species 15: embodiment of Fig. 26

Species 16: embodiment of Fig. 27

Species 17: embodiment of Fig. 28

Species 18: embodiment of Fig. 29

Species 19: embodiment of Fig. 31

Species 20: embodiment of Fig. 32

Species 21: embodiment of Fig. 33

Species 22: embodiment of Fig. 34

Species 23: embodiment of Fig. 35

Species 24: embodiment of Fig. 36

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, at least claims 1 and 65 are generic.

3. Applicant is advised that a reply to this requirement, to be complete, must include an election of the invention to be examined, even though the requirement may be traversed (37 CFR 1.143). And, the election must include an election between Group I and Group II inventions, and also include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

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Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a petition under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(l).

#### Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shouxiang Hu whose telephone number is 571-272-1654. The examiner can normally be reached on Monday through Thursday, 7:30 AM to 6:00 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eddie C. Lee can be reached on 571-272-1732. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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March 04, 2005

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